



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

6500 MHz Suspended Stripline High Pass Filter

Part Number: AE6500SSH6599



Electrical Specifications

Cut Off Frequency: 6.5GHz
Pass Band Frequency: 6.5~25GHz
Pass Band Insertion Loss:
 $\leq 1.5\text{dB @ } 6.5\sim 6.7\text{GHz}$
 $\leq 1.0\text{dB @ } 6.7\sim 25\text{GHz}$
Pass Band VSWR:
 $\leq 1.5:1 @ 6.5\sim 20\text{GHz}$
 $\leq 1.8:1 @ 20\sim 25\text{GHz}$
Stop Band Attenuation: $\geq 50\text{dB @ DC}\sim 5.4\text{GHz}$
Impedance: 50 Ohms
Power Handling: $\leq 15\text{W}$

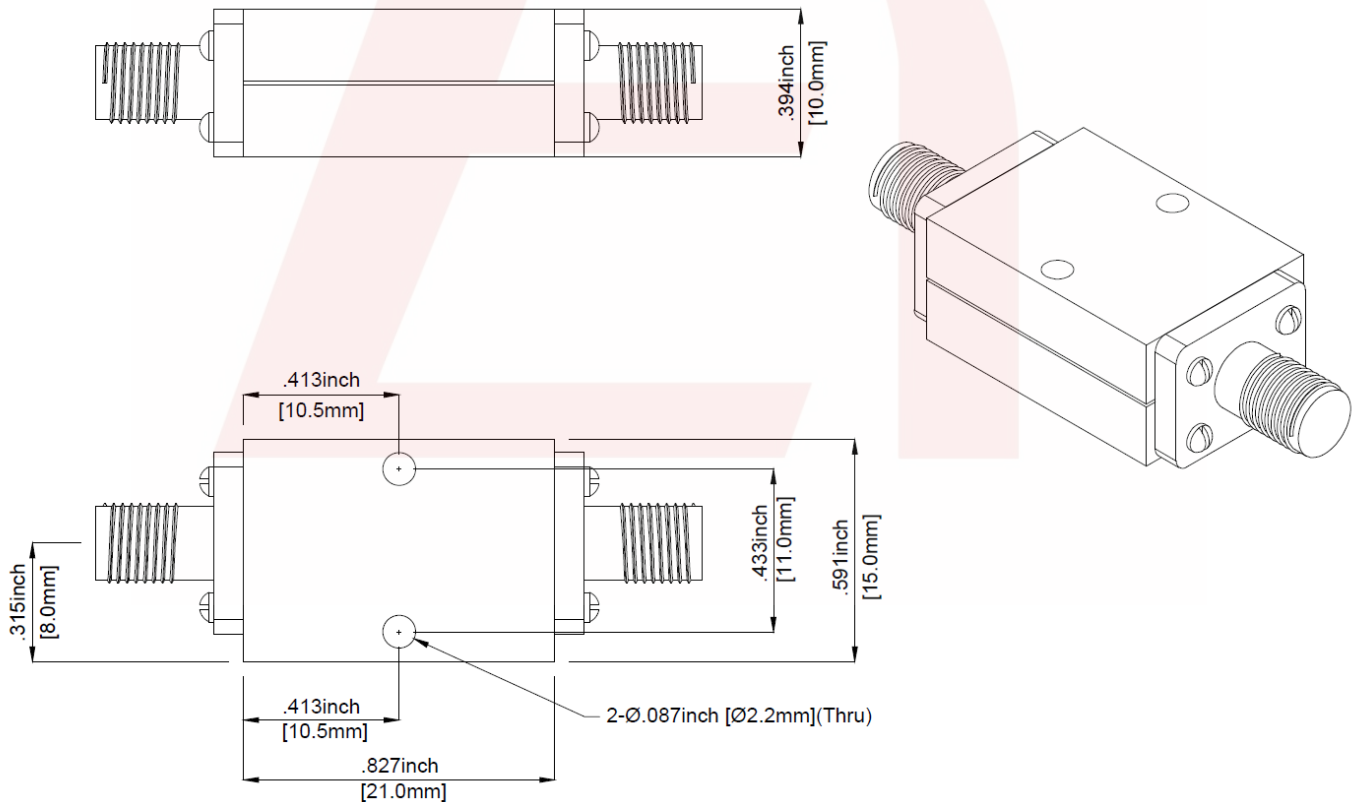
Mechanical

Mounting Method: Through Holes
Connector Type: SMA-Female
Dimensions: 21 x 15 x 10 mm

Environmental

Operating Temperature: -45° to $+85^{\circ}$ C
Storage Temperature: -55° to $+95^{\circ}$ C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



DS-SSH6599-05202020-Rev0



Response Plot

